

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074253.D
 Acq On : 01 Sep 2022 19:35
 Operator : JC\MD
 Sample : VN0901MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 09/02/2022

Supervised By :Mahesh
 Dadoda
 09/02/2022

Quant Time: Sep 02 05:41:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	200179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	389021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	346573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	144254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	164414	52.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.900%			
35) Dibromofluoromethane	7.951	113	119364	47.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.300%			
50) Toluene-d8	10.380	98	493822	49.535	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.080%			
62) 4-Bromofluorobenzene	12.668	95	153668	50.688	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	34180	16.502	ug/l	88
3) Chloromethane	2.269	50	75145	25.757	ug/l	94
4) Vinyl Chloride	2.404	62	74401	25.664	ug/l	92
5) Bromomethane	2.787	94	34766	21.935	ug/l	93
6) Chloroethane	2.946	64	49188	24.650	ug/l	98
7) Trichlorofluoromethane	3.304	101	102884	23.215	ug/l	94
8) Diethyl Ether	3.769	74	39884	21.162	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.140	101	47098	18.609	ug/l	92
10) Methyl Iodide	4.345	142	29054	14.223	ug/l	95
11) Tert butyl alcohol	5.292	59	87961	122.024	ug/l	100
12) 1,1-Dichloroethene	4.110	96	48961	20.861	ug/l	89
13) Acrolein	3.981	56	85384	124.386	ug/l	97
14) Allyl chloride	4.757	41	119078	22.752	ug/l #	91
15) Acrylonitrile	5.475	53	251483	112.102	ug/l	100
16) Acetone	4.222	43	220199	106.121	ug/l	100
17) Carbon Disulfide	4.451	76	129630	19.407	ug/l	99
18) Methyl Acetate	4.775	43	137945	25.249	ug/l #	86
19) Methyl tert-butyl Ether	5.534	73	190111	21.899	ug/l	92
20) Methylene Chloride	5.004	84	63648	21.609	ug/l #	78
21) trans-1,2-Dichloroethene	5.510	96	53038	19.580	ug/l	90
22) Diisopropyl ether	6.410	45	246977	23.161	ug/l #	90
23) Vinyl Acetate	6.351	43	1059668	117.700	ug/l #	89
24) 1,1-Dichloroethane	6.304	63	117555	22.347	ug/l	97
25) 2-Butanone	7.257	43	387564	116.758	ug/l	90
26) 2,2-Dichloropropane	7.245	77	64098	19.062	ug/l	94
27) cis-1,2-Dichloroethene	7.239	96	64840	21.430	ug/l	92
28) Bromochloromethane	7.581	49	37402	20.043	ug/l #	64
29) Tetrahydrofuran	7.616	42	256542	121.356	ug/l #	82
30) Chloroform	7.745	83	104049	19.403	ug/l	97
31) Cyclohexane	8.022	56	111850	21.800	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	85827	20.811	ug/l	95
36) 1,1-Dichloropropene	8.151	75	77138	18.781	ug/l	97
37) Ethyl Acetate	7.333	43	136902	19.930	ug/l #	93
38) Carbon Tetrachloride	8.139	117	65939	17.639	ug/l	87
39) Methylcyclohexane	9.392	83	95026	19.708	ug/l #	93
40) Benzene	8.392	78	267664	20.755	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	61854	19.508	ug/l	91
42) 1,2-Dichloroethane	8.469	62	87571	19.081	ug/l	100
43) Isopropyl Acetate	8.498	43	206039	22.313	ug/l #	91
44) Trichloroethene	9.151	130	52940	18.370	ug/l	84
45) 1,2-Dichloropropane	9.427	63	70714	20.308	ug/l	97
46) Dibromomethane	9.510	93	42217	18.153	ug/l #	85
47) Bromodichloromethane	9.698	83	80596	17.685	ug/l #	96
48) Methyl methacrylate	9.498	41	96697	22.045	ug/l #	83
49) 1,4-Dioxane	9.504	88	39565	418.092	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	741698	110.673	ug/l	90
52) Toluene	10.439	92	154137	20.277	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	85716	19.837	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	95877	19.819	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	63307	19.253	ug/l	91
56) Ethyl methacrylate	10.704	69	113463	22.766	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	112200	19.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	271166	107.555	ug/l #	86
59) 2-Hexanone	11.027	43	584699	114.966	ug/l	87
60) Dibromochloromethane	11.174	129	55908	18.153	ug/l	100
61) 1,2-Dibromoethane	11.286	107	61066	19.436	ug/l	100
64) Tetrachloroethene	10.916	164	41698	16.610	ug/l	95
65) Chlorobenzene	11.710	112	155783	19.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	52510	18.944	ug/l	99
67) Ethyl Benzene	11.780	91	287956	20.575	ug/l	98
68) m/p-Xylenes	11.892	106	215385	41.427	ug/l	97
69) o-Xylene	12.221	106	106344	20.528	ug/l	97
70) Styrene	12.233	104	178139	21.584	ug/l	99
71) Bromoform	12.398	173	38250	16.291	ug/l #	100
73) Isopropylbenzene	12.515	105	274544	22.223	ug/l	99
74) N-amyl acetate	12.327	43	176953	25.317	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.768	83	110632	21.594	ug/l	96
76) 1,2,3-Trichloropropane	12.821	75	71065m	19.366	ug/l	
77) Bromobenzene	12.798	156	59898	20.727	ug/l	81
78) n-propylbenzene	12.857	91	322577	22.907	ug/l	95
79) 2-Chlorotoluene	12.945	91	187728	21.764	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	221620	22.058	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	28215	20.302	ug/l	89
82) 4-Chlorotoluene	13.039	91	178869	21.431	ug/l	99
83) tert-Butylbenzene	13.262	119	190312	22.144	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	221628	22.856	ug/l	99
85) sec-Butylbenzene	13.439	105	281166	23.322	ug/l	95
86) p-Isopropyltoluene	13.557	119	213025	22.709	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	106165	20.609	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	102572	19.247	ug/l	94
89) n-Butylbenzene	13.880	91	187338	22.930	ug/l	94
90) Hexachloroethane	14.151	117	37687	19.487	ug/l	80
91) 1,2-Dichlorobenzene	13.927	146	105686	19.463	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21003	20.510	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	53307	20.069	ug/l	98
94) Hexachlorobutadiene	15.298	225	20578	15.754	ug/l	91
95) Naphthalene	15.433	128	231402	21.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	56007	20.354	ug/l	97

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Compound	R.T.	QI	on	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

